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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/646,532	
	Filing Date	08/22/2003	
	First Named Inventor	Kenneth COLLINS, et al.	
	Group Art Unit	N/A	
	Examiner Name	N/A	
Total Number of Pages in This Submission	5	Attorney Docket Number	008401 03

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	PRELIMINARY AMENDMENT	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Robert M. Wallace Reg. No. 29,119
Signature	<i>Robert M. Wallace</i>
Date	09/08/2003

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PATENT

Attorney Docket No. 008401 03  
RW Ref. No. APM/004-03-3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :  
Kenneth COLLINS, et al. :  
: Group Art Unit: Unknown  
Entitled: PLASMA IMMERSION ION :  
IMPLANTATION APPARATUS INCLUDING A :  
CAPACITIVELY COUPLED PLASMA SOURCE :  
HAVING LOW DISSOCIATION AND LOW :  
MINIMUM PLASMA VOLTAGE :  
: Examiner: Unknown  
Serial No.: 10/646,532 :  
: :  
Filing Date: August 22, 2003 :

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to taking action in this case, please amend the  
above-identified patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks** begin on page 4 of this paper.